Title (en)

DOWNLINK SCHEDULING ACCORDING TO BEAM ANGLES

Title (de)

ABWÄRTSPLANUNG ENTSPRECHEND STRAHLUNGSWINKELN

Title (fr)

PLANIFICATION DE LIAISON DESCENDANTE SELON DES ANGLES DE FAISCEAU

Publication

EP 2912785 B1 20181205 (EN)

Application

EP 12887494 A 20121029

Priority

SE 2012051172 W 20121029

Abstract (en)

[origin: WO2014070050A1] Disclosed is a method performed by a radio base station, RBS(30), in a wireless communication network for controlling transmission of signals from the RBS to user equipments, UEs. The RBS uses beam forming to direct a signal towards a receiving UE. The method comprises: determining (102) transmission directions to a plurality of UEs served by the RBS, instructing (104) to transmit a signal in a determined first transmission direction D1 to a first UE of the plurality of UEs. The method further comprises calculating (106) a first difference Δ2 between the first transmission direction D1 and a determined second transmission direction D2 to a second UE, and calculating (108) a second difference Δ3 between the first transmission direction D1 and a determined third transmission direction D3to a third UE, and scheduling (110) transmission of signals to the second UE and the third UE based on the calculated first and second differences in transmission direction Δ2and Δ3, respectively. A corresponding RBS is also disclosed.

IPC 8 full level

H04B 7/06 (2006.01)

CPC (source: EP US)

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Cited by

CN111543013A; WO2019118607A1

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